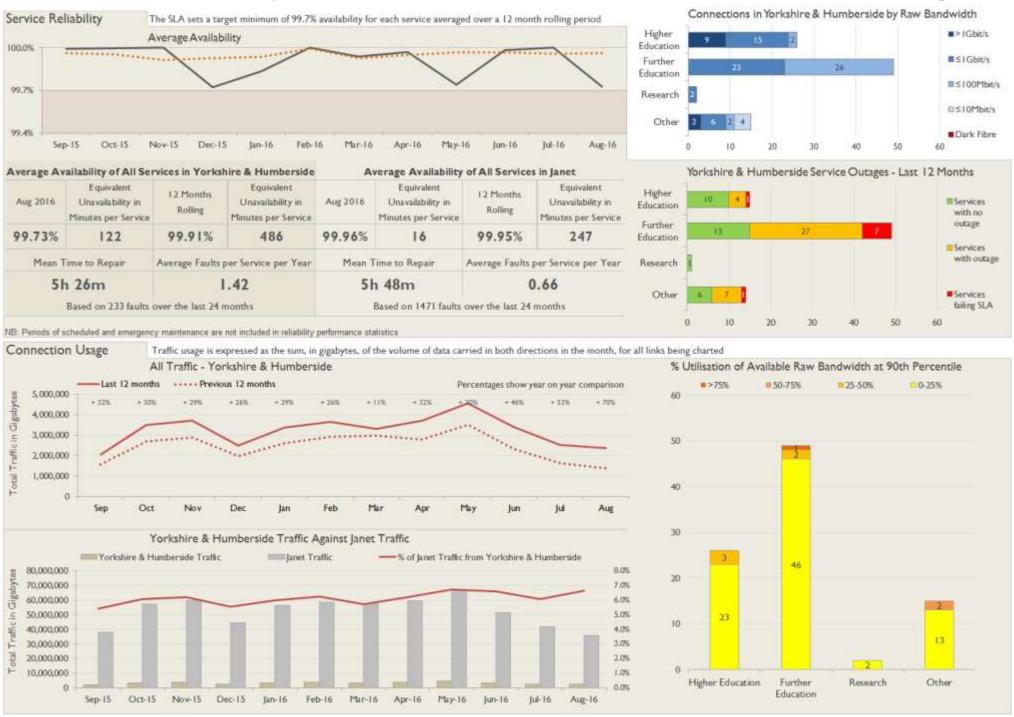


## Yorkshire & Humberside Service Report

August 2016





## **Service Availability**

The SLA target sets a minimum of 99.7% availability for each customer, averaged over a 12 month rolling period Periods of scheduled and emergency maintenance are discounted when calculating availability of services Monthly and annual availabilities falling below 99.7% are highlighted

<sup>\*</sup> Service has resilience - where an organisation retains connectivity during an outage period by means of a second connection, the outage is not counted against its availability figures

| Service                                                                   | Sep 15 | Oct 15 | Nov<br>15 | Dec 15 | Jan 16 | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | 12 Month<br>Rolling<br>Availability |
|---------------------------------------------------------------------------|--------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------|
| Askham Bryan College, York Campus                                         | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Barnsley College                                                          | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Barnsley Metropolitan Borough Council, Personal & Community Development   | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Bishop Burton College, Bishop Burton                                      | 100%   | 99.72% | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.98%                              |
| Bradford College                                                          | 100%   | 100%   | 100%      | 99.84% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.99%                              |
| Calderdale College                                                        | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Calderdale Metropolitan Borough Council, Personal & Community Development | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Chesterfield College, Infirmary Road                                      | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 93.22% | 100%   | 100%   | 100%   | 99.38%                              |
| Chesterfield College, Automotive Campus                                   | 99.60% | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| City of York Council, Personal & Community Development                    | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 96.29% | 99.69%                              |
| Craven College                                                            | 100%   | 100%   | 100%      | 96.43% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 96.29% | 99.39%                              |
| Dearne Valley College                                                     | 100%   | 100%   | 100%      | 100%   | 99.29% | 99.93% | 100%   | 99.41% | 100%   | 100%   | 100%   | 100%   | 99.89%                              |
| Doncaster College, High Melton                                            |        |        |           |        |        |        |        |        | 100%   | 100%   | 100%   | 100%   | <12 Months                          |
| Doncaster College, The Hub                                                | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Doncaster Deaf Trust                                                      | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| Doncaster Metropolitan Borough Council                                    | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.83% | 99.93%                              |
| East Riding College, Beverley Campus                                      | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 99.35% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.95%                              |
| East Riding of Yorkshire Council, Personal & Community Development        | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Franklin College                                                          | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Greenhead College                                                         | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Grimsby Institute of Further and Higher Education,<br>Scarborough Campus  | 99.96% | 100%   | 100%      | 96.43% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 96.29% | 99.39%                              |

| Service                                                           | Sep 15 | Oct 15 | Nov<br>15 | Dec 15 | Jan 16 | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | I2 Month<br>Rolling<br>Availability |
|-------------------------------------------------------------------|--------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------|
| Grimsby Institute of Further and Higher Education, Grimsby Campus | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Henshaws Society for Blind People                                 | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| Huddersfield New College                                          | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Hull College, Harrogate Campus                                    | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Hull College                                                      | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| John Leggott College                                              | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 93.36% | 100%   | 100%   | 100%   | 99.39%                              |
| Kingston Upon Hull City Council, Personal & Community Development | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Kirklees College, Dewsbury Centre                                 | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| Kirklees College, Huddersfield Centre                             | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Landmarks                                                         | 99.02% | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 93.22% | 100%   | 100%   | 100%   | 99.29%                              |
| Leeds Beckett University *                                        | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Leeds City College, Keighley Campus                               | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Leeds City College, Printworks Campus                             | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 98.67% | 100%   | 100%   | 99.89%                              |
| Leeds City College, Park Lane Campus                              | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| Leeds City College, Technology Campus                             | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Leeds College of Art                                              | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| Leeds College of Building *                                       | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Leeds College of Music                                            | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Leeds Trinity University *                                        | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Longley Park Sixth Form College                                   | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| New College Pontefract                                            | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Northern College for Residential Adult Education                  | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Northern Grid for Learning                                        | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 98.85% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.90%                              |
| Northern School of Contemporary Dance                             | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| North Lindsey College *                                           | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| North Nottinghamshire College                                     | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 99.84% | 100%   | 100%   | 100%   | 99.93%                              |
| Notre Dame Catholic Sixth Form College                            | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| Pennine Camphill Community Limited                                | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |

| Service                                                         | Sep 15 | Oct 15 | Nov<br>15 | Dec 15 | Jan 16 | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | 12 Month<br>Rolling<br>Availability |
|-----------------------------------------------------------------|--------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------|
| Rotherham College of Arts and Technology, Additional Connection |        |        |           |        | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | <12 Months                          |
| Rotherham College of Arts and Technology                        | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Ruskin Mill Trust Limited, Freeman College                      | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Ruskin Mill Trust Limited, Freeman College                      |        |        |           |        |        |        |        | 100%   | 100%   | 100%   | 100%   | 100%   | <12 Months                          |
| Scarborough Sixth Form College                                  | 99.96% | 100%   | 100%      | 96.43% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 96.29% | 99.39%                              |
| Selby College                                                   | 100%   | 100%   | 100%      | 96.43% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 96.29% | 99.39%                              |
| Sheffield City Council, Personal & Community Development        | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Sheffield Hallam University *                                   | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Shipley College, Salt Building                                  | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Shipley College, Exhibition Road                                | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 99.41% | 100%   | 100%   | 100%   | 99.95%                              |
| Stem Learning Limited, National Science Learning Centre *       | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| St Peter's School York                                          | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| The British Library, Boston Spa                                 | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| The Open University, Leeds                                      | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| The Science Museum, National Railway Museum, York               | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| The Science Museum, National Media Museum Bradford              | 100%   | 100%   | 100%      | 96.59% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.72%                              |
| The Sheffield College *                                         | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| Thomas Rotherham College                                        | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| University of Bradford *                                        | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| University of Huddersfield *                                    | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| University of Hull, Scarborough Campus                          | 99.96% | 100%   | 100%      | 96.43% | 100%   | 100%   | 100%   | 99.26% | 100%   | 100%   | 100%   | 96.29% | 99.33%                              |
| University of Hull, Hull Campus *                               | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| University of Leeds *                                           | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| University of Sheffield *                                       | 100%   | 100%   | 100%      | 100%   | 99.29% | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 99.94%                              |
| University of York *                                            | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Wakefield College, Castleford Campus                            | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| Wakefield College, Wakefield City Campus                        | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |
| Wilberforce College                                             | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| Workers' Educational Association, Yorkshire and Humber          | 100%   | 100%   | 100%      | 99.97% | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 100%   | 100%   | 99.97%                              |

| Service                   | Sep 15 | Oct 15 | Nov<br>15 | Dec 15 | Jan 16 | Feb 16 | Mar 16 | Apr 16 | May 16 | Jun 16 | Jul 16 | Aug 16 | 12 Month<br>Rolling<br>Availability |
|---------------------------|--------|--------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------------------------|
| Wyke Sixth Form College   | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 98.86% | 100%   | 100%   | 100%   | 100%   | 99.90%                              |
| YHGfL Foundation *        | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |
| York College              | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 99.70% | 100%   | 100%   | 100%   | 99.97%                              |
| York St John University * | 100%   | 100%   | 100%      | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%   | 100%                                |

## Connection outages for current month

Maintenance outages are included in this table - only unscheduled maintenance is counted against availability.

Some of the outages reported below are on circuits which are not connected through the selected region - they appear in the table because they are part of a service whose primary connection does belong to this region.

| Connection                                                            | Start Date and<br>Time | End Date and<br>Time | Parking<br>hh:mm | Duration<br>hh:mm | Fault Type              | Description                       |
|-----------------------------------------------------------------------|------------------------|----------------------|------------------|-------------------|-------------------------|-----------------------------------|
| Calderdale College                                                    | 02/08/2016 17:04       | 02/08/2016 17:59     | 00:00            | 00:55             | Customer<br>Maintenance | Scheduled customer maintenance    |
| Craven College                                                        | 23/08/2016 19:54       | 24/08/2016 23:29     | 00:00            | 27:35             | Telco Line              | Fibre break caused by civil works |
| Huddersfield New College                                              | 03/08/2016 11:12       | 03/08/2016 11:45     | 00:00            | 00:33             | Customer<br>Equipment   | UPS failure                       |
| Rotherham College of Arts and Technology                              | 08/08/2016 16:28       | 08/08/2016 17:18     | 00:00            | 00:50             | Customer<br>Equipment   | Customer router locked up         |
| Scarborough Sixth Form College                                        | 23/08/2016 19:54       | 24/08/2016 23:29     | 00:00            | 27:35             | Telco Line              | Fibre break caused by civil works |
| Selby College                                                         | 23/08/2016 19:54       | 24/08/2016 23:29     | 00:00            | 27:35             | Telco Line              | Fibre break caused by civil works |
| Leeds Trinity University, via Leeds Metropolitan                      | 04/08/2016 06:52       | 04/08/2016 07:59     | 00:00            | 01:07             | Customer<br>Maintenance | Customer unscheduled maintenance  |
| Wilberforce College                                                   | 05/08/2016 05:37       | 05/08/2016 08:45     | 00:00            | 03:08             | Customer<br>Equipment   | Failed UPS                        |
| Grimsby Institute of Further and Higher Education, Scarborough Campus | 23/08/2016 19:54       | 24/08/2016 23:29     | 00:00            | 27:35             | Telco Line              | Fibre break caused by civil works |
| City of York Council, Personal & Community Development                | 23/08/2016 19:54       | 24/08/2016 23:29     | 00:00            | 27:35             | Telco Line              | Fibre break caused by civil works |
| Doncaster Metropolitan Borough Council                                | 02/08/2016 11:46       | 02/08/2016 13:04     | 00:00            | 01:18             | Regional<br>Equipment   | Faulty power feed                 |
| University of Hull, Scarborough Campus                                | 23/08/2016 19:54       | 24/08/2016 23:29     | 00:00            | 27:35             | Telco Line              | Fibre break caused by civil works |

## Link Utilisation of Raw Bandwidth

The table shows utilisation at the 90th percentile, i.e. for 90% of the samples within the period the traffic was at or below the level shown and for 10% of the samples traffic was above the level shown. The figure therefore gives a reasonable indication of the loading of the connection during the busiest periods. The measurements are shown as a percentage of the available raw bandwidth, and only the highest of the to/from readings for the month is used.

| Connection                                                                | Current<br>Bandwidth | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 |
|---------------------------------------------------------------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Askham Bryan College, York Campus                                         | I Gbit/s             | 6%     | 7%     | 10%    | 10%    | 11%    | 10%    | 11%    | 11%    | 10%    | 8%     | 3%     | 3%     |
| Barnsley College                                                          | I Gbit/s             | 17%    | 22%    | 25%    | 20%    | 21%    | 24%    | 22%    | 24%    | 26%    | 22%    | 8%     | 10%    |
| Barnsley Metropolitan Borough Council, Personal & Community Development   | I Gbit/s             | 18%    | 18%    | 18%    | 18%    | 20%    | 16%    | 13%    | 10%    | 9%     | 9%     | 8%     | 2%     |
| Bishop Burton College, Bishop Burton                                      | I Gbit/s             | 13%    | 15%    | 17%    | 14%    | 18%    | 18%    | 16%    | 18%    | 16%    | 12%    | 3%     | 4%     |
| Bradford College                                                          | I Gbit/s             | 14%    | 21%    | 26%    | 21%    | 25%    | 23%    | 24%    | 24%    | 24%    | 18%    | 7%     | 5%     |
| Calderdale College                                                        | I Gbit/s             | 48%    | 63%    | 76%    | 51%    | 75%    | 69%    | 64%    | 50%    | 70%    | 53%    | 20%    | 1%     |
| Calderdale Metropolitan Borough Council, Personal & Community Development | I 0Mbit/s            | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| Chesterfield College, Infirmary Road                                      | I Gbit/s             | 11%    | 14%    | 16%    | 12%    | 17%    | 16%    | 15%    | 16%    | 17%    | 12%    | 3%     | 3%     |
| City of York Council, Personal & Community Development                    | I Gbit/s             | 21%    | 23%    | 26%    | 16%    | 21%    | 23%    | 21%    | 24%    | 26%    | 26%    | 24%    | 11%    |
| Craven College                                                            | 100Mbit/s            | 35%    | 47%    | 53%    | 43%    | 58%    | 49%    | 58%    | 55%    | 65%    | 52%    | 12%    | 12%    |
| Dearne Valley College                                                     | 100Mbit/s            | 75%    | 103%   | 113%   | 81%    | 67%    | 210%   | 184%   | 233%   | 17%    | 23%    | 7%     | 6%     |
| Doncaster College, The Hub                                                | 100Mbit/s            | 124%   | 169%   | 202%   | 160%   | 161%   | 314%   | 294%   | 343%   | 369%   | 253%   | 85%    | 26%    |
| Doncaster Deaf Trust                                                      | 100Mbit/s            | 13%    | 11%    | 14%    | 11%    | 14%    | 13%    | 13%    | 15%    | 15%    | 17%    | 10%    | 15%    |
| Doncaster Metropolitan Borough Council                                    | I Gbit/s             | 15%    | 15%    | 13%    | 12%    | 14%    | 15%    | 13%    | 14%    | 14%    | 12%    | 9%     | 4%     |
| East Riding College, Beverley Campus                                      | I Gbit/s             | 4%     | 5%     | 5%     | 4%     | 5%     | 5%     | 6%     | 5%     | 6%     | 6%     | 1%     | 1%     |
| East Riding of Yorkshire Council, Personal & Community Development        | I0Mbit/s             | 61%    | 57%    | 55%    | 51%    | 65%    | 66%    | 66%    | 66%    | 70%    | 58%    | 58%    | 56%    |
| Franklin College                                                          | 100Mbit/s            | 86%    | 87%    | 95%    | 63%    | 39%    | 38%    | 36%    | 34%    | 39%    | 29%    | 4%     | 5%     |
| Greenhead College                                                         | 100Mbit/s            | 19%    | 20%    | 26%    | 19%    | 28%    | 29%    | 27%    | 26%    | 24%    | 15%    | 15%    | 3%     |
| Grimsby Institute of Further and Higher Education, Grimsby Campus         | I Gbit/s             | 15%    | 18%    | 20%    | 18%    | 19%    | 22%    | 18%    | 20%    | 21%    | 17%    | 6%     | 4%     |
| Grimsby Institute of Further and Higher Education,<br>Scarborough Campus  | 100Mbit/s            | 27%    | 34%    | 39%    | 31%    | 47%    | 43%    | 43%    | 47%    | 49%    | 43%    | 12%    | 10%    |
| Henshaws Society for Blind People                                         | 100Mbit/s            | 12%    | 11%    | 10%    | 7%     | 10%    | 8%     | 10%    | 9%     | 11%    | 10%    | 12%    | 10%    |
| Huddersfield New College                                                  | I Gbit/s             | 41%    | 42%    | 64%    | 50%    | 63%    | 68%    | 74%    | 16%    | 17%    | 9%     | 4%     | 4%     |
| Hull College, Harrogate Campus                                            | I Gbit/s             | 1%     | 2%     | 2%     | 2%     | 4%     | 4%     | 3%     | 3%     | 4%     | 3%     | 1%     | <0.5%  |

| John Legott College   100Mbit/s   66%   74%   76%   44%   72%   64%   67%   55%   41%   85%   8%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   1   | Connection                                                        | Current<br>Bandwidth | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Mingston Upon Hull City Council, Personal & Community Development   100Mbir/s   100Mbir/   | Hull College, Queen's Gardens                                     | I Gbit/s             | 8%     | 12%    | 14%    | 13%    | 13%    | 12%    | 15%    | 14%    | 16%    | 11%    | 4%     | 3%     |
| Development Kirklees College, Dewsbury Centre   IGbit/s   72%   83%   97%   83%   10%   14%   13%   14%   16%   12%   11%   13%   14%   16%   12%   11%   13%   14%   16%   12%   11%   13%   14%   16%   12%   11%   13%   14%   16%   12%   11%   13%   14%   16%   12%   11%   13%   14%   16%   12%   11%   13%   14%   16%   12%   11%   13%   14%   16%   12%   11%   13%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14%   14 | John Leggott College                                              | 100Mbit/s            | 66%    | 74%    | 76%    | 44%    | 72%    | 64%    | 67%    | 55%    | 41%    | 85%    | 8%     | 10%    |
| Kirklees College, Huddersfield Centre    IGbit/s   57%   67%   80%   60%   94%   78%   88%   9%   9%   77%   2%   17%   124   134   134   134   135   134   137   134   135   134   137   134   135   134   137   134   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135   135    | Kingston Upon Hull City Council, Personal & Community Development | 100Mbit/s            | 43%    | 42%    | 42%    | 42%    | 50%    | 55%    | 51%    | 54%    | 54%    | 59%    | 62%    | 62%    |
| Landmarks    100Mbit/s   23%   17%   24%   3%   2%   5%   5%   2%   2%   4%   4%   <0.5%   1.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Kirklees College, Dewsbury Centre                                 | I Gbit/s             | 72%    | 89%    | 97%    | 8%     | 10%    | 14%    | 13%    | 14%    | 16%    | 12%    | 1%     | 1%     |
| Leeds Beckett University, City Campus   1Gbit/s   15%   34%   37%   31%   24%   37%   33%   41%   33%   15%   15%   13%   12%   13%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%  | Kirklees College, Huddersfield Centre                             | I Gbit/s             | 57%    | 67%    | 80%    | 60%    | 94%    | 78%    | 8%     | 9%     | 9%     | 7%     | 2%     | 1%     |
| Leeds City College, Keighley Campus   1Gbit/s   6%   10%   14%   11%   10%   12%   13%   17%   13%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   10%   1 | Landmarks                                                         | 100Mbit/s            | 23%    | 17%    | 24%    | 3%     | 2%     | 5%     | 5%     | 2%     | 2%     | 4%     | 4%     | <0.5%  |
| Leeds City College, Keighley Campus  I Gobbit/s Leeds City College, Park Lane Campus  I Gibit/s Leeds College, Park Lane Campus  I Gibit/s Leeds College, Technology Campus  I Gibit/s Leeds College, Technology Campus  I Gibit/s Leeds College of Building, Black Bull Street  I Gibit/s Leeds College of Building, North Street  I Gibit/s Leeds College of Building, North Street  I Gibit/s Leeds College of Music Leeds College of Music Leeds Trinity University  I Gibit/s Leeds Trinity University  I Gibit/s Leeds Trinity University, via Leeds Metropolitan  I Gibit/s I Gibit | Leeds Beckett University, City Campus                             | I Gbit/s             | 15%    | 34%    | 37%    | 31%    | 24%    | 37%    | 33%    | 41%    | 33%    | 15%    | 15%    | 13%    |
| Leeds City College, Park Lane Campus  IGbit/s  11%  11%  11%  11%  11%  11%  11%  1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Leeds Beckett University, Headingley Campus                       | I Gbit/s             | 6%     | 10%    | 14%    | 11%    | 10%    | 12%    | 13%    | 17%    | 13%    | 10%    | 10%    | 10%    |
| Leeds City College, Printworks Campus  IGbit/s Leeds City College, Technology Campus  IGbit/s Leeds College of Art  IGbit/s Leeds College of Art  IGbit/s Leeds College of Building, Black Bull Street IGbit/s Leeds College of Building, Black Bull Street IGbit/s IOMbit/s IOMb | Leeds City College, Keighley Campus                               | 100Mbit/s            | 26%    | 32%    | 39%    | 28%    | 37%    | 35%    | 37%    | 35%    | 37%    | 30%    | 8%     | 5%     |
| Leeds Ciry College, Technology Campus  I Gbit/s  6% 9% 10% 9% 10% 9% 13% 8% 13% 10% 2% 2% 2% Leeds College of Art  I Gbit/s  3% 9% 9% 5% 9% 10% 9% 11% 8% 2% 2% 2% 2% Leeds College of Building, Black Bull Street  I Gbit/s  1 Gb | Leeds City College, Park Lane Campus                              | I Gbit/s             | 11%    | 15%    | 14%    | 11%    | 14%    | 14%    | 12%    | 9%     | 11%    | 9%     | 4%     | 3%     |
| Leeds College of Art  Leeds College of Building, Black Bull Street  Leeds College of Building, North Street  Leeds College of Music  Leeds College of Music  Leeds Trinity University  Leeds Trinity University  Leeds Trinity University, via Leeds Metropolitan  Leeds Trinity Universit | Leeds City College, Printworks Campus                             | I Gbit/s             | 2%     | 3%     | 5%     | 5%     | 6%     | 5%     | 8%     | 6%     | 9%     | 5%     | 2%     | 1%     |
| Leeds College of Building, Black Bull Street    I Gbit/s   Col.5%   Col.5%  | Leeds City College, Technology Campus                             | I Gbit/s             | 6%     | 9%     | 10%    | 9%     | 10%    | 9%     | 13%    | 8%     | 13%    | 10%    | 2%     | 2%     |
| Leeds College of Building, North Street  100Mbit/s  12% 17% 21% 15% 22% 18% 21% 21% 27% 28% 22% 10%  Leeds College of Music  1Gbit/s 3% 4% 5% 2% 4% 5% 5% 4% 5% 2% 1% 1%  Leeds Trinity University  1Gbit/s 3% 6% 7% 5% 5% 7% 6% 7% 5% 4% 4% 3%  Leeds Trinity University, via Leeds Metropolitan  1Gbit/s 3% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5 | Leeds College of Art                                              | I Gbit/s             | 3%     | 9%     | 9%     | 5%     | 9%     | 10%    | 9%     | 11%    | 8%     | 2%     | 2%     | 2%     |
| Leeds College of Music         I Gbit/s         3%         4%         5%         2%         4%         5%         2%         1%         1%           Leeds Trinity University         I Gbit/s         3%         6%         7%         5%         5%         7%         6%         7%         5%         4%         4%         3%           Leeds Trinity University, via Leeds Metropolitan         I Gbit/s         3%         <0.5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Leeds College of Building, Black Bull Street                      | I Gbit/s             | <0.5%  | 1%     | 2%     | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| Leeds Trinity University  Leeds Metropolitan  IGbit/s  3% 6% 7% 5% 5% 7% 6% 7% 5% 4% 4% 3%  Leeds Trinity University, via Leeds Metropolitan  IGbit/s  3% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0 | Leeds College of Building, North Street                           | 100Mbit/s            | 12%    | 17%    | 21%    | 15%    | 22%    | 18%    | 21%    | 21%    | 27%    | 28%    | 22%    | 10%    |
| Leeds Trinity University, via Leeds Metropolitan         I Gbit/s         3%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0.5%         <0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Leeds College of Music                                            | I Gbit/s             | 3%     | 4%     | 5%     | 2%     | 4%     | 5%     | 5%     | 4%     | 5%     | 2%     | 1%     | 1%     |
| Longley Park Sixth Form College  IGbit/s  New College Pontefract  IGbit/s  12%  10%  15%  10%  15%  10%  15%  15%  13%  19%  17%  17%  18%  14%  Northern College Fontefract  IO0Mbit/s  100Mbit/s  Northern Grid for Learning, via Leeds  IOGbit/s  Northern School of Contemporary Dance  IO0Mbit/s  North Lindsey College  IO0Mbit/s  North Nottinghamshire College  IGbit/s  IGbit/s  IGbit/s  Idw  Idw  Idw  Idw  Idw  Idw  Idw  Id                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Leeds Trinity University                                          | I Gbit/s             | 3%     | 6%     | 7%     | 5%     | 5%     | 7%     | 6%     | 7%     | 5%     | 4%     | 4%     | 3%     |
| New College Pontefract  IGbit/s  12%  10%  15%  10%  15%  15%  13%  15%  11%  9%  11%  18  Northern College for Residential Adult Education  100Mbit/s  203%  252%  216%  210%  251%  225%  168%  218%  202%  181%  192%  143%  Northern Grid for Learning, via Leeds  10Gbit/s  14%  15%  14%  15%  14%  16%  15%  15%  15%  15%  15%  15%  17%  16%  14%  4%  Northern School of Contemporary Dance  100Mbit/s  5%  8%  9%  4%  8%  7%  8%  6%  8%  8%  5%  2%  North Lindsey College  100Mbit/s  100Mbit/s  54%  68%  76%  60%  77%  78  88%  4%  6%  5%  2%  Notre Dame Catholic Sixth Form College  100Mbit/s  100Mbit/s  11%  11%  11%  15%  13%  21%  19%  17%  15%  15%  15%  11%  9%  Rotherham College of Arts and Technology  100Mbit/s  100Mbit/s  57%  74%  80%  62%  45%  62%  67%  135%  100%  94%  44%  33%  34%  34%  38%  38%  38%  3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Leeds Trinity University, via Leeds Metropolitan                  | I Gbit/s             | 3%     | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| Northern College for Residential Adult Education   100Mbit/s   203%   252%   216%   210%   251%   225%   168%   218%   202%   181%   192%   143%   148%   148%   15%   148%   148%   16%   15%   15%   15%   15%   17%   16%   14%   4%   16%   15%   15%   15%   15%   17%   16%   14%   14%   16%   15%   15%   15%   15%   17%   16%   14%   14%   16%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%   15%    | Longley Park Sixth Form College                                   | I Gbit/s             | 20%    | 24%    | 20%    | 21%    | 25%    | 21%    | 13%    | 19%    | 17%    | 17%    | 18%    | 14%    |
| Northern Grid for Learning, via Leeds  I 10Gbit/s  I 14%  I 15%  I 14%  I 16%  I 15%  I 15%  I 15%  I 15%  I 15%  I 17%  I 16%  I 14%  I 4%  Avanthern School of Contemporary Dance  I 100Mbit/s  Swapping Swappin | New College Pontefract                                            | I Gbit/s             | 12%    | 10%    | 15%    | 10%    | 15%    | 15%    | 13%    | 15%    | 11%    | 9%     | 1%     | 1%     |
| Northern School of Contemporary Dance  100Mbit/s  5% 8% 9% 4% 8% 7% 8% 6% 8% 8% 5% 2%  North Lindsey College  100Mbit/s  Co.5% | Northern College for Residential Adult Education                  | 100Mbit/s            | 203%   | 252%   | 216%   | 210%   | 251%   | 225%   | 168%   | 218%   | 202%   | 181%   | 192%   | 143%   |
| North Lindsey College    100Mbit/s   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   <0.5%   < | Northern Grid for Learning, via Leeds                             | 10Gbit/s             | 14%    | 15%    | 14%    | 14%    | 16%    | 15%    | 15%    | 15%    | 17%    | 16%    | 14%    | 4%     |
| North Nottinghamshire College  IGbit/s  54%  68%  76%  60%  77%  7%  8%  4%  6%  5%  2%  2%  Notre Dame Catholic Sixth Form College  I00Mbit/s  29%  39%  54%  36%  49%  36%  56%  44%  45%  31%  6%  3%  Pennine Camphill Community Limited  I00Mbit/s  I1%  I1%  I1%  I5%  I3%  21%  I9%  I7%  I5%  I5%  I5%  I1%  I1%  9%  Rotherham College of Arts and Technology  I00Mbit/s  Freeman College, via Sheffield  I00Mbit/s  3%  2%  3%  8%  7%  3%  3%  3%  3%  4%  4%  4%  5%  2%  3%  3%  3%  3%  3%  3%  3%  3%  3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Northern School of Contemporary Dance                             | 100Mbit/s            | 5%     | 8%     | 9%     | 4%     | 8%     | 7%     | 8%     | 6%     | 8%     | 8%     | 5%     | 2%     |
| Notre Dame Catholic Sixth Form College 100Mbit/s 29% 39% 54% 36% 49% 36% 56% 44% 45% 31% 6% 3% Pennine Camphill Community Limited 100Mbit/s 11% 11% 15% 13% 21% 19% 17% 15% 15% 15% 11% 9% Rotherham College of Arts and Technology 100Mbit/s 57% 74% 80% 62% 45% 62% 67% 135% 100% 94% 49% 3% Ruskin Mill Trust Limited, Freeman College, via Sheffield 100Mbit/s 3% 2% 3% 8% 7% 3% 3% 3% 4% 4% 3% 3%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | North Lindsey College                                             | 100Mbit/s            | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| Pennine Camphill Community Limited       100Mbit/s       11%       11%       15%       13%       21%       19%       17%       15%       15%       11%       9%         Rotherham College of Arts and Technology       100Mbit/s       57%       74%       80%       62%       45%       62%       67%       135%       100%       94%       49%       3%         Ruskin Mill Trust Limited, Freeman College, via Sheffield       100Mbit/s       3%       2%       3%       8%       7%       3%       3%       4%       4%       3%       3%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | North Nottinghamshire College                                     | I Gbit/s             | 54%    | 68%    | 76%    | 60%    | 77%    | 7%     | 8%     | 4%     | 6%     | 5%     | 2%     | 2%     |
| Rotherham College of Arts and Technology       I 00Mbit/s       57%       74%       80%       62%       45%       62%       67%       135%       100%       94%       49%       3%         Ruskin Mill Trust Limited, Freeman College, via Sheffield       I 00Mbit/s       3%       2%       3%       8%       7%       3%       3%       4%       4%       3%       3%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Notre Dame Catholic Sixth Form College                            | 100Mbit/s            | 29%    | 39%    | 54%    | 36%    | 49%    | 36%    | 56%    | 44%    | 45%    | 31%    | 6%     | 3%     |
| Ruskin Mill Trust Limited, Freeman College, via Sheffield 100Mbit/s 3% 2% 3% 8% 7% 3% 3% 3% 4% 4% 3% 3%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Pennine Camphill Community Limited                                | 100Mbit/s            | 11%    | 11%    | 15%    | 13%    | 21%    | 19%    | 17%    | 15%    | 15%    | 15%    | 11%    | 9%     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Rotherham College of Arts and Technology                          | 100Mbit/s            | 57%    | 74%    | 80%    | 62%    | 45%    | 62%    | 67%    | 135%   | 100%   | 94%    | 49%    | 3%     |
| Scarborough Sixth Form College         100Mbit/s         46%         32%         30%         16%         29%         27%         33%         34%         17%         7%         20%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Ruskin Mill Trust Limited, Freeman College, via Sheffield         | 100Mbit/s            | 3%     | 2%     | 3%     | 8%     | 7%     | 3%     | 3%     | 3%     | 4%     | 4%     | 3%     | 3%     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Scarborough Sixth Form College                                    | 100Mbit/s            | 46%    | 32%    | 30%    | 16%    | 29%    | 27%    | 33%    | 33%    | 34%    | 17%    | 7%     | 20%    |

| Sheffield City Council, Personal & Community Development   10Mbit/s   10Mbit/s   10Mbit/s   11Mbit/s   11Mbi   | Connection                                                      | Current<br>Bandwidth | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Sheffield Hallam University, City Campus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Selby College                                                   |                      | 41%    | 53%    | 59%    | 51%    | 71%    | 54%    | 58%    | 55%    | 63%    | 48%    | 10%    | 7%     |
| Sheffield Hallam University, Collegiate Campus   1Gbit/s                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sheffield City Council, Personal & Community Development        | 10Mbit/s             | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| Shipley College, Salt Building  Stem Learning Limited, National Science Learning Centre, Link I  Stem Learning Limited, National Science Learning Centre, Link I  Stem Learning Limited, National Science Learning Centre, Link I  Stem Learning Limited, National Science Learning Centre, Link I  Stem Learning Limited, National Science Learning Centre, Link I  Stem Learning Limited, National Science Learning Centre, Link I  Stem Learning Limited, National Science Learning Centre, Link 2  -0.5%   1%   1%   1%   1%   1%   1%   1%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Sheffield Hallam University, City Campus                        | I Gbit/s             | 31%    | 67%    | 72%    | 58%    | 45%    | 72%    | 62%    | 82%    | 52%    | 36%    | 35%    | 32%    |
| Clobids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Sheffield Hallam University, Collegiate Campus                  | I Gbit/s             | <0.5%  | <0.5%  | <0.5%  | <0.5%  | 14%    | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| Color   Colo   | Shipley College, Salt Building                                  | 100Mbit/s            | 34%    | 46%    | 59%    | 30%    | 58%    | 50%    | 52%    | 56%    | 68%    | 63%    | 11%    | 8%     |
| Link 2 100lbts                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Link I                                                          | IGbit/s              | <0.5%  | 1%     | 1%     | 1%     | 1%     | 1%     | 1%     | 1%     | 1%     | 1%     | 1%     | 1%     |
| The British Library, Boston Spa    IGbit/s   23%   22%   24%   24%   11%   13%   18%   21%   22%   22%   14%   20%   20%   20%   16%   5%   5%   5%   5%   5%   5%   5%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Link 2                                                          |                      | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| The Open University, Leeds  100Mbit/s 6% 6% 6% 6% 6% 7% 8% 6% 6% 5% 6% 5% 5% 5% The Science Museum, National Media Museum Bradford 11Gbit/s 11Gbit/ | St Peter's School York                                          | 100Mbit/s            | 38%    | 39%    | 49%    | 35%    | 46%    | 49%    | 49%    | 54%    | 68%    | 63%    | 31%    | 8%     |
| The Science Museum, National Media Museum Bradford The Science Museum, National Media Museum Bradford The Science Museum, National Railway Museum, York I Gbit/s The Science Museum, National Railway Museum, York I Gbit/s The Sheffield College, Hillsborough College I 100Mbit/s The Sheffield College, Sheffield City College I 100Mbit/s The Sheffield College, Sheffield City College I 100Mbit/s The Sheffield College, Sheffield City College I 100Mbit/s  | ·                                                               | I Gbit/s             | 23%    | 22%    | 24%    | 24%    | 11%    | 13%    | 18%    | 21%    | 22%    | 22%    | 14%    | 20%    |
| The Science Museum, National Railway Museum, York  The Science Museum, National Railway Museum, York  The Science Museum, National Railway Museum, York  The Sheffield College, Hillsborough College  100Mbit/s  The Sheffield College, Hillsborough College  100Mbit/s  100Mbit/s  110Mbit/s  215%  271%  275%  204%  217%  225%  224%  302%  332%  224%  309%  338%  318%  292%  203%  588%  318%  Thomas Rotherham College  100Mbit/s  110Mbit/s  110W  134%  141%  106%  73%  222%  190%  221%  190%  221%  227%  199%  244%  38%  100%  100%  128%  2277%  199%  244%  38%  100%  128%  2277%  199%  244%  38%  100%  128%  2277%  199%  244%  38%  100%  128%  2078  128%  2078  128%  2078  128%  2078  128%  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  2078  208  20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | The Open University, Leeds                                      | 100Mbit/s            | 6%     | 6%     | 6%     | 6%     | 7%     | 8%     | 6%     | 6%     | 5%     | 6%     | 5%     | 5%     |
| The Sheffield College, Hillsborough College The Sheffield College, Sheffield City College The Sheffield College, Sheffield College, Sheffield City College The Sheffield College, Sheffield College, Sheffield City College The Sheffield College, Sheffield Sheffield, Sheffield College, Sheffield College, Sheffield Sheffield, Sheffield College, Sheffield Sheffield, Sheffield Sh | The Science Museum, National Media Museum Bradford              |                      | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | 1%     | 1%     | 1%     |
| The Sheffield College, Sheffield City College    100Mbit/s   215%   271%   275%   204%   217%   255%   234%   311%   292%   203%   588%   31%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%   275%  | The Science Museum, National Railway Museum, York               | I Gbit/s             | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| Thomas Rotherham College                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | The Sheffield College, Hillsborough College                     | 100Mbit/s            | 99%    | 144%   | 169%   | 120%   | 128%   | 274%   | 242%   | 302%   | 332%   | 224%   | 69%    | 20%    |
| University of Bradford, Link I  University of Bradford, Link 2  University of Edinburgh, Advanced Computing Facility, via Leeds  University of Huddersfield, Link I  University of Huddersfield, Link I  University of Huddersfield, Link 2  University of Huddersfield, Link 2  University of Huddersfield, Link I  University of Hudl, Hull Campus, Link I  University of Hull, Hull Campus, Link I  University of Hull, Hull Campus, Link 2  University of Hull, Hull Campus, Link 2  University of Hull, Scarborough Campus  I Gbit/s  University of Leeds, via Leeds (1)  University of Leeds, via Leeds (2)  University of Sheffield, Brunswick Street  2Gbit/s  2Gbit/s  2Gbit/s  2Gbit/s  2Gbit/s  27%  37%  39%  37%  39%  37%  40%  43%  41%  42%  46%  24%  17%  18%  24%  19%  18%  24%  19%  31%  29%  19%  16%  21%  21%  21%  21%  22%  23%  24%  25%  27%  21%  25%  27%  21%  25%  27%  21%  27%  27%  27%  27%  27%  27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | The Sheffield College, Sheffield City College                   | 100Mbit/s            | 215%   | 271%   | 275%   | 204%   | 217%   | 255%   | 234%   | 311%   | 292%   | 203%   | 58%    | 31%    |
| University of Bradford, Link 2 University of Edinburgh, Advanced Computing Facility, via Leeds  University of Huddersfield, Link I University of Huddersfield, Link I University of Huddersfield, Link I University of Huddersfield, Link 2 University of Huddersfield, Link 2 University of Hudl, Hull Campus, Link I University of Hull, Hull Campus, Link I University of Hull, Hull Campus, Link 2 University of Hull, Scarborough Campus University of Hull, Scarborough Campus University of Leeds, via Leeds (I) University of Leeds, via Leeds (2) University of Sheffield, Brunswick Street University of Sheffield, Hounsfield Road University of Sheffield, Hounsfield Road University of York, Link I University of York, Link I University of York, Link I University of Sheffield, Hounsfield Road University of York, Link I University of York, Link I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Thomas Rotherham College                                        | 100Mbit/s            | 110%   | 134%   | 141%   | 106%   | 73%    | 222%   | 190%   | 251%   | 277%   | 199%   | 64%    | 3%     |
| University of Edinburgh, Advanced Computing Facility, via Leeds  University of Huddersfield, Link I  University of Huddersfield, Link I  University of Huddersfield, Link 2  University of Hudlersfield, Link 2  University of Hudlersfield, Link 2  University of Hull, Hull Campus, Link I  University of Hull, Hull Campus, Link I  University of Hull, Scarborough Campus  University of Hull, Scarborough Campus  I Gbit/s  University of Leeds, via Leeds (I)  University of Leeds, via Leeds (2)  University of Sheffield, Brunswick Street  2Gbit/s  2Gbit/s  20Gbit/s  20Gbit | University of Bradford, Link I                                  | I Gbit/s             | 5%     | 9%     | 10%    | 7%     | 8%     | 10%    | 10%    | 12%    | 9%     | 5%     | 5%     | 5%     |
| Leeds  University of Huddersfield, Link I  University of Huddersfield, Link I  University of Huddersfield, Link 2  University of Huddersfield, Link 2  University of Hudlersfield, Link 2  University of Hull, Hull Campus, Link I  2Gbit/s  University of Hull, Hull Campus, Link I  2Gbit/s  2Gbi | University of Bradford, Link 2                                  | I Gbit/s             | 16%    | 22%    | 21%    | 16%    | 19%    | 21%    | 21%    | 23%    | 20%    | 16%    | 15%    | 16%    |
| University of Huddersfield, Link 2  University of Huddersfield, Link 2  University of Hull, Hull Campus, Link I  2Gbit/s  15%  25%  27%  21%  18%  24%  19%  31%  29%  19%  16%  21%  10%  10%  20%  20%  20%  20%  20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | University of Edinburgh, Advanced Computing Facility, via Leeds | 20Gbit/s             |        |        |        |        |        |        |        |        | 5%     | 9%     | 9%     | 12%    |
| University of Hull, Hull Campus, Link I  2Gbit/s University of Hull, Hull Campus, Link 2  2Gbit/s University of Hull, Hull Campus, Link 2  2Gbit/s  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  20,5%  2 | University of Huddersfield, Link I                              | I Gbit/s             | 23%    | 56%    | 55%    | 49%    | 39%    | 56%    | 52%    | 57%    | 38%    | 26%    | 25%    | 22%    |
| University of Hull, Hull Campus, Link 2  2Gbit/s <ol> <li>40.5%</li> <li>40.5%<!--</td--><td>University of Huddersfield, Link 2</td><td>I Gbit/s</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td><td>&lt;0.5%</td></li></ol>                                                                                                                                           | University of Huddersfield, Link 2                              | I Gbit/s             | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| University of Hull, Scarborough Campus  IGbit/s  2% 3% 3% 2% 2% 2% 2% 2% 2% 2% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1% 1%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | University of Hull, Hull Campus, Link I                         | 2Gbit/s              | 15%    | 25%    | 27%    | 21%    | 18%    | 24%    | 19%    | 31%    | 29%    | 19%    | 16%    | 21%    |
| University of Leeds, via Leeds (I)  University of Sheffield, Brunswick Street  University of Sheffield, Hounsfield Road  I OGbit/s  University of Sheffield, Hounsfield Road  I OGbit/s  I | University of Hull, Hull Campus, Link 2                         | 2Gbit/s              | <0.5%  | <0.5%  | <0.5%  | 1%     | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| University of Leeds, via Leeds (2)  University of Sheffield, Brunswick Street  University of Sheffield, Hounsfield Road  University of York, Link I  10Gbit/s  10Gbit/ | University of Hull, Scarborough Campus                          | I Gbit/s             | 2%     | 3%     | 3%     | 2%     | 2%     | 2%     | 2%     | 2%     | 2%     | 1%     | 1%     | 1%     |
| University of Sheffield, Brunswick Street  2Gbit/s University of Sheffield, Brunswick Street  2Gbit/s University of Sheffield, Hounsfield Road  10Gbit/s 24% 34% 36% 35% 35% 36% 36% 37% 39% 28% 19% 19% 19% 19% 19% 19% 19% 19% 19% 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | University of Leeds, via Leeds (I)                              | 10Gbit/s             | 27%    | 37%    | 39%    | 37%    | 40%    | 43%    | 41%    | 42%    | 46%    | 24%    | 17%    | 18%    |
| University of Sheffield, Hounsfield Road  I 0 Gbit/s  24% 34% 36% 35% 33% 36% 36% 37% 39% 28% 19% 19%  University of York, Link I  4 Gbit/s  25% 68% 74% 40% 76% 79% 72% 80% 82% 59% 27% 27%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | University of Leeds, via Leeds (2)                              | 10Gbit/s             | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| University of York, Link I 4Gbit/s 25% 68% 74% 40% 76% 79% 72% 80% 82% 59% 27% 27%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | University of Sheffield, Brunswick Street                       | 2Gbit/s              | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | 15%    | 56%    | 65%    | 35%    | 34%    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | University of Sheffield, Hounsfield Road                        | 10Gbit/s             | 24%    | 34%    | 36%    | 35%    | 33%    | 36%    | 36%    | 37%    | 39%    | 28%    | 19%    | 19%    |
| University of York, Link 2 4Gbit/s <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% <0.5% < | University of York, Link I                                      | 4Gbit/s              | 25%    | 68%    | 74%    | 40%    | 76%    | 79%    | 72%    | 80%    | 82%    | 59%    | 27%    | 27%    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | University of York, Link 2                                      | 4Gbit/s              | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |

| Connection                                             | Current<br>Bandwidth | Sep-15 | Oct-15 | Nov-15 | Dec-15 | Jan-16 | Feb-16 | Mar-16 | Apr-16 | May-16 | Jun-16 | Jul-16 | Aug-16 |
|--------------------------------------------------------|----------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Wakefield College, Castleford Campus                   | 100Mbit/s            | 44%    | 58%    | 66%    | 48%    | 67%    | 61%    | 51%    | 74%    | 79%    | 58%    | 9%     | 10%    |
| Wakefield College, Wakefield City Campus               | 100Mbit/s            | 56%    | 67%    | 75%    | 65%    | 79%    | 77%    | 79%    | 94%    | 85%    | 68%    | 18%    | 18%    |
| Wilberforce College                                    | I Gbit/s             | 33%    | 36%    | 43%    | 31%    | 47%    | 45%    | 46%    | 48%    | 45%    | 24%    | 8%     | <0.5%  |
| Workers' Educational Association, Yorkshire and Humber | I0Mbit/s             | 8%     | 8%     | 9%     | 7%     | 7%     | 10%    | 18%    | 10%    | 12%    | 12%    | 18%    | 12%    |
| Wyke Sixth Form College                                | I Gbit/s             | 72%    | 94%    | 97%    | 70%    | 97%    | 96%    | 97%    | 96%    | 96%    | 88%    | <0.5%  | <0.5%  |
| YHGfL Foundation, via Leeds                            | 3Gbit/s              | <0.5%  | <0.5%  | <0.5%  | 1%     | 43%    | 40%    | 46%    | 59%    | 63%    | 57%    | 43%    | 10%    |
| YHGfL Foundation, via Leeds Beckett University         | 2Gbit/s              | 57%    | 63%    | 60%    | 55%    | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| York College                                           | I Gbit/s             | 15%    | 20%    | 25%    | 21%    | 25%    | 26%    | 28%    | 27%    | 27%    | 19%    | 2%     | 2%     |
| York St John University, Link I                        | I Gbit/s             | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  | <0.5%  |
| York St John University, Link 2                        | I Gbit/s             | 8%     | 14%    | 15%    | 10%    | 10%    | 14%    | 13%    | 14%    | 12%    | 6%     | 6%     | 6%     |